

NORTHERN NEW MEXICO COLLEGE



Course Number Course Name	PHYS 3330/3330L, Introduction to Modern Physics
Credit Value (Breakdown of theory and lab credits)	3 Theory and 1 Lab
Catalog Course Description	3330 INTRODUCTION TO MODERN PHYSICS You will study special relativity, quantum effects, quantum mechanics, atomic and subatomic physics, and the instruments of modern physics. Prerequisite: PHYS 1320/L; Co-requisite: PHYS 3330L. (3, 3T+0L) 3330L INTRODUCTION TO MODERN PHYSICS LAB You will engage in laboratory experiences supportive of PHYS 3330, for which this course is a Co-requisite. (1,0T+1L)
Student Learning Outcomes/Objectives /Competencies of the Course	Student Learning Outcomes: At the end of this course the student will understand: <ol style="list-style-type: none"> 1. Relativity. 2. Quantum mechanics. 3. Atomic and subatomic physics. 4. Instruments of modern physics.
College-Wide Student Learning Outcomes	PHYS 3330 learning objectives align with the following NNMC College Wide Goal: <i>Critical thought: Students are required to analyze and synthesize information and draw reasoned conclusions.</i>